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OCS Report
MMS 86-0010

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1984 Annual

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Offshore Publications Program

The Minerals Management Service (MMS) established a scientific and technical publications program for Offshore Minerals Management in 1984. The objective of the Offshore Program is to make the investigative findings available to the public. The Technical Publications Unit (TPU) within the Office of Offshore Information Services operates this program. The TPU has assigned series designations and publication numbers to scientific and technical documents issued by the Offshore Program since January 1, 1984. Documents are numbered consecutively within each calendar year and assigned one of the series designations listed on this page.

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Publication Series

Informal Documents

Informal documents are those requiring quick release to the public. They comprise the following Outer Continental Shelf (OCS) series:

OCS Reports
Continental Offshore Stratigraphic Test (COST) well reports, investigations, risk analyses, resource estimates, Environmental Impact Statement (EIS) support documents, preliminary reports, etc.

OCS Studies
Contractually prepared environmental and socioeconomic, resource evaluation, and technological studies.

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Formal Documents

Formal documents are those reports with broad or long-term interest to the public. They comprise the following OCS series:

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OCS Environmental Impact Statements/Environmental Assessments (EIS/EA)
Draft EIS, final EIS, and regional or areawide EA.

*In June 1986, the Headquarters Offshore Information Services (OIS) Office moved to Vienna, Virginia, and is now consolidated with the rest of the OIS programs.

Abbreviations Used

AK	Alaska OCS Region
ATL	Atlantic OCS Region
BAST	Best available and safest technology
COST	Continental Offshore Stratigraphic Test
DOI	Department of the Interior
EA	Environmental Assessment
EIS	Environmental Impact Statement
GOM	Gulf of Mexico OCS Region
HDQRS	Headquarters OIS
MMS	Minerals Management Service
NTIS	National Technical Information Service
OCS	Outer Continental Shelf
OCSIP	OCS Information Program
OIS	Offshore Information Services
PAC	Pacific OCS Region
TPU	Technical Publications Unit

How to Order

Copies of publications are available **only** from the office listed in each entry. **There is no central distribution for offshore publications.** Office names are abbreviated in each entry and are listed below with their addresses. Please address orders to the correct office and give the MMS number such as MMS 84-0029 and the full title. When ordering publications available only from the National Technical Information Service, please use the NTIS number given at the end of the entry. Those publications which are out of print are available for inspection at the Technical Publications Unit listed below. **Prices** are listed in each entry where there is a charge.

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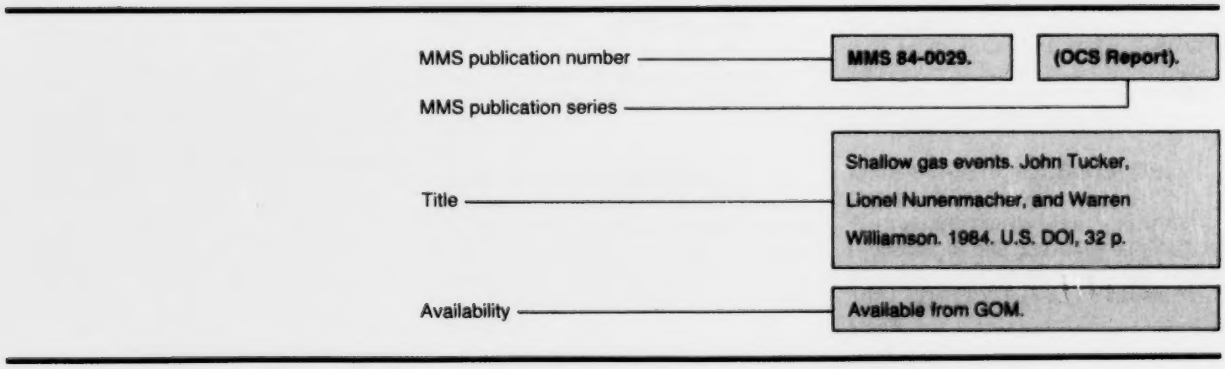

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Publication Number Listing

All 1984 offshore publications are listed below numerically by MMS number. Complete bibliographic information is provided. Copies of publications are available **only** from the office identified in each entry. Abbreviations for these offices are listed under How to Order.

MMS 84-0001. (OCS Report)
Technology assessment and research program for offshore minerals operations. J. B. Gregory and C. E. Smith, compilers and editors. 1984. U.S. DOI, 318 p. Available from TPU.

MMS 84-0002. (OCS Map)
Prelease investigation maps of the North Aleutian Shelf, Outer Continental Shelf, Bering Sea, Alaska. P. J. Hoose, K. H. Ashenfelter, L. D. Lybeck, and M. J. House. 1984. U.S. DOI, 5 oversize sheets, scale 1:250,000. Available from AK (free) or from NTIS PB 84-230697 (paper $7).

MMS 84-0003. (OCS Map)
Shallow geology of the Continental Shelf and upper continental slope, Port Arthur. H. L. Berryhill, Jr., J. R. Suter, and D. E. Owen. 1984. U.S. DOI, 8 oversize sheets, scale 1:250,000. Available from GOM, $15.

MMS 84-0004. (OCS Report)
An oilspill risk analysis for the St. George Basin (December 1984) and North Aleutian Basin (April 1985) Outer Continental Shelf lease offerings. W. B. Samuels. 1984. U.S. DOI, 71 p. Available from NTIS PB 84-158310 (paper $10, fiche $4.50).

MMS 84-0005. (OCS Map)
Texas Barrier Islands Region ecological characteristics atlas. Minerals Management Service and U.S. Fish and Wildlife Service. 1984. U.S. DOI, 3 vol., 48 sheets, scale 1:100,000. Available from GOM, $30.

MMS 84-0006. (OCS Monograph)
Fishing offshore platforms, Central Gulf of Mexico—An analysis of recreational and commercial fishing use at 164 major offshore petroleum structures. R. B. Ditton and Janice Auyong. 1984. U.S. DOI, 158 p. Available from GOM ($6) or from NTIS PB 84-216605 (paper $16, fiche $4.50).

MMS 84-0007. (OCS EIS) Out of Print
Draft environmental impact statement, proposed 1985 Outer Continental Shelf oil and gas lease sale, offshore the South Atlantic States, OCS Sale No. 90. Minerals Management Service. 1984. U.S. DOI, 531 p., 5 visuals. ATL.

MMS 84-0008. (OCS Map)
Southwestern Florida ecological characterization: An ecological atlas. Martel Laboratories, Inc. and Mangrove Systems, Inc. for Minerals Management Service. 1984. U.S. DOI, 329 p. map narrative, 90 maps. Available from GOM, $50.

MMS 84-0009. (OCS EIS) Out of Print
Proposed diapir field lease offering (June 1984), final environmental impact statement. Minerals Management Service. 1984. U.S. DOI, 2 vol., 322 p. AK.

MMS 84-0010. (OCS Report)
Annual report, fiscal year 1983, Outer Continental Shelf oil and gas leasing and production program. Minerals Management Service. 1984. U.S. DOI, 59 p. Available from HDQRS and TPU.

MMS 84-0011. (OCS Report)
Oil and gas leasing procedures guidelines. Minerals Management Service. 1984. U.S. DOI, 189 p. Available from GOM.

MMS 84-0012. (OCS Map)
Map showing shallow faults and acoustic anomalies, St. George Basin, Alaska. C. D. Comer. 1984. U.S. DOI, 1 oversize sheet, scale 1:250,000. Available from AK. (Includes OCS Maps 84-0013 and 84-0014.)

MMS 84-0013. (OCS Map)
Bathymetric map of St. George Basin, Alaska. C. D. Comer and L. D. Lybeck. 1984. U.S. DOI, 1 oversize sheet, scale 1:250,000. Available from AK. (Includes OCS Maps 84-0012 and 84-0014.)

MMS 84-0014. (OCS Map)
Structure, contour map of a Pleistocene Horizon, St. George Basin, Alaska. C. D. Comer. 1984. U.S. DOI, 1 oversize sheet, scale 1:250,000. Available from AK. (Includes OCS Maps 84-0012 and 84-0013.)

MMS 84-0015. (OCS Report)
Pipeline guidelines and procedures. Minerals Management Service. Revised September 1984. U.S. DOI, 108 p. Available from GOM.

MMS 84-0016. (OCS Report)
Geological and operational summary, St. George Basin COST No. 1 Well, Bering Sea, Alaska. R. F. Turner, ed., C. M. McCarthy, C. D. Comer, J. A. Larson, J. G. Bolm, A. C. Banet, Jr., and A. J. Adams. 1984. U.S. DOI, 88 p., 2 plates. Available from AK (free) or from NTIS PB 84-200849 (paper $13, fiche $4.50).

MMS 84-0017. (OCS EIS) Out of Print
Proposed St. George Basin (sale 89) draft environmental impact statement. Minerals Management Service. 1985. U.S. DOI, 610 p. AK.

MMS 84-0018. (OCS Report)
Geological and operational summary, St. George Basin COST No. 2 Well, Bering Sea, Alaska. R. F. Turner, ed., C. M. McCarthy, C. D. Comer, J. A. Larson, J. G. Bolm, T. O. Flett, and A. J. Adams. 1984. U.S. DOI, 104 p., 2 plates. Available from AK (free) or from NTIS PB 84-200856 (paper $13, fiche $4.50).

MMS 84-0019. (OCS EIS) Out of Print
Draft environmental impact statement, proposed oil and gas lease sales 94, 98, and 102. Minerals Management Service. 1984. U.S. DOI, 534 p., 14 visuals. GOM.

MMS 84-0020. (OCS Report)
Estimated oil and gas reserves, Gulf of Mexico, Outer Continental Shelf and continental slope, December 31, 1983. J. E. Hewitt, J. P. Brooke, and J. H. Knipmeyer. 1984. U.S. DOI, 21 p. Available from GOM, $2.50.

MMS 84-0021. (OCS Report)
Framework for oil-spill response on the Alaskan OCS. G. A. Allen, D. A. Hale, and R. T. Prentki. 1985. U.S. DOI, 7 p. Available from AK.

MMS 84-0022. (OCS Report)
Geology report, proposed Mid-Atlantic OCS oil and gas lease sale 111. G. B. Carpenter and R. V. Amato. 1984. U.S. DOI, 16 p. Available from ATL.

MMS 84-0023. (OCS EIS)
Proposed Gulf of Alaska/Cook Inlet lease sale 88, final environmental impact statement. Minerals Management Service. 1984. U.S. DOI, 2 vol. Available from AK.

MMS 84-0024. (OCS Report)
Estimated oil and gas reserves, Southern California Outer Continental Shelf, December 31, 1983. S. A. Wolfson. 1984. U.S. DOI, 8 p. Available from PAC.

MMS 84-0025. (OCS Report) Out of Print
Draft regional studies plan, fiscal year 1986. Minerals Management Service. 1984. U.S. DOI, 219 p. GOM.

MMS 84-0026. (OCS Report) Out of Print
Proceedings, Fourth annual Gulf of Mexico information transfer meeting. Minerals Management Service. 1984. U.S. DOI, 474 p. GOM.

MMS 84-0027. (OCS Study)
Evaluation of Bering Sea crude oil transportation systems. Han-Padron Associates for Minerals Management Service. 1984. U.S. DOI, 2 vol. Available from AK.

MMS 84-0028. (OCS Map)
Shallow geology of the Outer Continental Shelf and upper continental slope—Bouma Bank quadrangle. H. L. Berryhill, Jr., D. E. Owen, A. R. Trippet, D. Mihalyi, and J. R. Suter. 1985. U.S. DOI, 8 plates, scale 1:250,000. Available from GOM, $15.

MMS 84-0029. (OCS Report)
Shallow gas events. John Tucker, Lionel Nunenmacher, and Warren Williamson. 1984. U.S. DOI, 32 p. Available from GOM.

MMS 84-0030. (OCS Information Report)
Gulf of Alaska summary report update, May 1984. J. D. Wiese. 1984. U.S. DOI, 27 p. Available from OCSIP.

MMS 84-0031. (OCS Report)
Geological and operational summary, Navarin Basin COST No. 1 Well, Bering Sea, Alaska. R. F. Turner, ed., C. M. McCarthy, D. A. Steffy, M. B. Lynch, G. C. Martin, K. W. Sherwood, T. O. Flett, and A. J. Adams. 1984. U.S. DOI, 254 p., 4 plates. Available from AK (free) or from NTIS PB 84-246453 (paper $20.50).

MMS 84-0032. (OCS Report)
Failure and inventory reporting system summary/analysis, January 1980–August 1981. Minerals Management Service. 1984. U.S. DOI, 21 p. Available from TPU.

MMS 84-0033. (OCS Study) Out of Print
Proceedings, Winter Ternary Gulf of Mexico studies meeting. Science Applications, Inc. for Minerals Management Service. 1984. U.S. DOI, 69 p. GOM.

MMS 84-0034. (OCS Report) Out of Print
Offshore Gulf of Mexico operational handbook. Eugene Marsh. 1984. U.S. DOI, 247 p. GOM.

MMS 84-0035. (OCS Report)
Resource evaluation program report, geological and geophysical data acquisition in the Outer Continental Shelf. Minerals Management Service. 1984. U.S. DOI, 30 p. Available from TPU.

MMS 84-0036.
Never Printed

MMS 84-0037. (OCS Report)
An oil-spill risk analysis for the South Atlantic Lease Sale 90. D. E. Amstutz, W. B. Samuels, and A. D. Banks. 1984. U.S. DOI, 127 p. Available from NTIS PB 84-241058 (paper $14.50, fiche $4.50).

MMS 84-0038. (OCS Study)
The ecology of the south Florida coral reefs: A community profile. W. C. Jaap. Marine Research Laboratory for Minerals Management Service. 1984. U.S. DOI, 138 p. Available from GOM, $15.

MMS 84-0039. (OCS EIS) Out of Print
Draft environmental impact statement, proposed 1985 Outer Continental Shelf oil and gas lease sale, offshore the Mid-Atlantic States, OCS Sale No. 111. Minerals Management Service. 1984. U.S. DOI, 562 p. ATL.

MMS 84-0040. (OCS Report)
Investigation of July 20, 1983, blowout Matagorda Island Block 657, lease OCS-G-4139, Gulf of Mexico. William Martin, Jack Sandridge, Robert Goodman, Kenneth Blake, Ulysses Cotton, and Max Miller. 1984. U.S. DOI, 29 p. Available from GOM.

MMS 84-0041. (OCS Study)
Marine mammals and seabirds of central and northern California, 1980–1983: Executive summary. University of California, Santa Cruz, for Minerals Management Service. 1983. U.S. DOI, 29 p. Available from PAC ($4) or from NTIS PB 85-183820 (paper $8.50, fiche $4.50).

MMS 84-0042. (OCS Study)
Marine mammals and seabirds of central and northern California, 1980–1983: Synthesis of findings. University of California, Santa Cruz, for Minerals Management Service. 1983. U.S. DOI, 248 p. Available from PAC ($10) or from NTIS PB 85-183838 (paper $20.50, fiche $4.50).

MMS 84-0043. (OCS Study)
Seabirds of central and northern California, 1980–1983: Status, abundance, and distribution. K. T. Briggs, W. B. Tyler, D. B. Lewis, and K. F. Dettman. University of California, Santa Cruz, for Minerals Management Service. 1983. U.S. DOI, 246 p. Available from PAC ($10) or from NTIS PB 85-183846 (paper $22, fiche $4.50).

MMS 84-0044. (OCS Study)
Pinnipeds and sea otters of central and northern California, 1980–1983: Status, abundance, and distribution. M. L. Bonnell, M. O. Pierson, and G. D. Farrens. University of California, Santa Cruz, for Minerals Management Service. 1983. U.S. DOI, 220 p. Available from PAC ($8) or from NTIS PB 85-183853 (paper $20.50, fiche $4.50).

MMS 84-0045. (OCS Study)
Cetaceans of central and northern California, 1980–1983: Status, abundance, and distribution. T. P. Dohl, R. C. Guess, M. L. Duman, and R. C. Helm. University of California, Santa Cruz, for Minerals Management Service. 1983. U.S. DOI, 284 p. Available from PAC ($13.50) or from NTIS PB 85-183861 (paper $22, fiche, $4.50).

MMS 84-0046. (OCS Report)
Outer Continental Shelf statistical summary (1979). Minerals Management Service. Revised September 18, 1984. U.S. DOI, 178 p. Available from GOM, $5.

MMS 84-0047. (OCS Report)
Outer Continental Shelf statistical summary (1980). Minerals Management Service. Revised September 18, 1984. U.S. DOI, 122 p. Available from GOM, $5.

MMS 84-0048. (OCS Report)
Outer Continental Shelf statistical summary (1981). Minerals Management Service. Revised September 18, 1984. U.S. DOI, 218 p. Available from GOM, $5.

MMS 84-0049. (OCS Study)
Taxonomic guide to the Polychaetes of the Northern Gulf of Mexico. Barry A. Vittor & Associates, Inc. for Minerals Management Service. 1984. U.S. DOI, 7 vol. Available from GOM, $20.

MMS 84-0050. (OCS Information Report)
Atlantic index (June 1983–May 1984). M. A. Collignon. 1984. U.S. DOI, 113 p. Available from OCSIP.

MMS 84-0051. (OCS Report)
Environmental assessment for Gulf of Mexico Outer Continental Shelf geological and geophysical exploration activities. Minerals Management Service. 1984. U.S. DOI. Available from GOM.

MMS 84-0052. (OCS Study)
Ecological characterization atlas of coastal Alabama: Map narrative. M. F. Smith, ed. Soils Systems, Inc. for Minerals Management Service. 1984. U.S. DOI, 190 p. and 30 maps. Available from GOM, $30.

MMS 84-0053. (OCS Report)
Final area-wide environmental assessment, exploration and production activities, four-mile zone of the east and west Flower Garden Banks. Minerals Management Service. 1984. U.S. DOI, 156 p. Available from GOM.

MMS 84-0054. (OCS Report)
Outer Continental Shelf statistical summary (1982). Minerals Management Service. Revised September 18, 1984. U.S. DOI, 150 p. Available from GOM, $5.

MMS 84-0055. (OCS Study)
Central California coastal air quality model validation study: Data analysis and model evaluation. W. F. Dabberdt, W. B. Johnson, Richard Brodzinsky, and R. E. Ruff. SRI International for Minerals Management Service. 1984. U.S. DOI. 276 p. Available from PAC, $13.50.

MMS 84-0056. (OCS Report)
Risk analysis of crane accidents. Warren Danos and L. E. Bennett. 1985. U.S. DOI, 29 p. Available from GOM.

MMS 84-0057. (OCS EIS)
Final environmental impact statement, proposed oil and gas lease sales 94, 98, and 102. Minerals Management Service. 1984. U.S. DOI, 2 vol., 752 p., 15 plates. Available from GOM.

MMS 84-0058. (OCS Study)
Mitigation of sea floor conflicts between oil and gas pipelines and commercial trawl fisheries on the California Outer Continental Shelf. Centaur Associates, Inc. for Minerals Management Service. 1984. U.S. DOI, 426 p. Available from NTIS PB 85-134476 (paper $34).

MMS 84-0059. (OCS Study)
Cumulative socioeconomic impacts of oil and gas development in the Santa Barbara Channel region: A case study. Centaur Associates, Inc. for Minerals Management Service. 1984. U.S. DOI, 577 p. Available from NTIS PB 85-135978 (paper $43).

MMS 84-0060. (OCS Study)
Monitoring oil exploration activities in the Beaufort Sea. Kevin Waring Associates for Minerals Management Service. 1985. U.S. DOI, 245 p. Available from AK.

MMS 84-0061. (OCS Study)
Point Arguello Field and Gaviota processing facility area study and Chevron/Texaco development plans EIR/EIS. Arthur D. Little, Inc. for Minerals Management Service. 1984. U.S. DOI, 876 p. Available from PAC.

MMS 84-0062. (OCS Report)
Geology report, proposed North Atlantic OCS oil and gas lease sale 96. G. B. Carpenter and R. V. Amato. 1985. U.S. DOI, 19 p. Available from ATL.

MMS 84-0063.
Never Printed

MMS 84-0064. (OCS Report)
Risk analysis of welding accidents. Warren Danos and L. E. Bennett. 1985. U.S. DOI, 47 p. Available from GOM.

MMS 84-0065.
Never Printed

MMS 84-0066. (OCS Report)
An oil-spill risk analysis for the Gulf of Mexico (proposed sales 94, 98, and 102) Outer Continental Shelf lease area. R. P. LaBelle, Anastase Nakassis, and A. D. Lucas. 1984. U.S. DOI, 172 p. Available from NTIS PB 85-201119 (paper $16, fiche $4.50).

MMS 84-0067. (OCS Study)
Sensitivity of RAM model projection to key assumptions. Gunnar Knapp and K. M. MarkAnthony. Institute of Social and Economic Research for Minerals Management Service. 1984. U.S. DOI, 240 p. Available from AK.

MMS 84-0068. (OCS Study)
Community economic and demographic systems analysis of the Norton Basin lease sale 100. Gunnar Knapp, K. M. MarkAnthony, Will Nebesky, and Mark Wildermuth. Institute of Social and Economic Research for Minerals Management Service. 1984. U.S. DOI, 132 p. Available from AK.

MMS 84-0069. (OCS Study)
Users guide to the offshore and coastal dispersion (OCD) model. S. R. Hanna, L. L. Schulman, R. J. Paine, and J. E. Pleim. Environmental Research & Technology, Inc. for Minerals Management Service. 1984. U.S. DOI, 1,800 p. Available from NTIS (computer tape NTIS PB 85-122760, $700; manual NTIS PB 85-164200, $50).

MMS 84-0070. (OCS EIS)
Final environmental impact statement, proposed 1985 Outer Continental Shelf oil and gas lease sale, offshore the South Atlantic States, OCS Sale No. 90. Minerals Management Service. 1984. U.S. DOI, 642 p., 5 visuals. Available from ATL.

MMS 84-0071. (OCS Report)
Federal offshore statistics. E. P. Essertier, compiler. 1984. U.S. DOI, 123 p. Available from HDQRS and TPU.

MMS 84-0072. (OCS Report) Out of Print
Accidents connected with Federal oil and gas operations on the Outer Continental Shelf, Gulf of Mexico. Minerals Management Service. 1984. U.S. DOI, Vol. 2. GOM.

MMS 84-0073. (OCS Information Report)
Gulf of Mexico summary report (September 1984). C. W. Lynch and R. W. Rudolph. 1985. U.S. DOI, 108 p. Available from OCSIP.

MMS 84-0074. (OCS Study)
Central California coastal air quality model validation study: Executive summary. W. F. Dabberdt, W. B. Johnson, Richard Brodzinsky, and R. E. Ruff. SRI International for Minerals Management Service. 1984. U.S. DOI, 33 p. Available from PAC, $5.

MMS 84-0075. (OCS Information Report)
Pacific summary report (July 1984). K. J. Havran and C. W. Lynch. U.S. DOI, 84 p., 4 plates. Available from OCSIP.

MMS 84-0076. (OCS Information Report)
Bering Sea summary report (September 1984). Jeffrey Deis. 1985. U.S. DOI, 75 p., 3 plates. Available from OCSIP.

Title Index

All 1984 offshore publications are listed below alphabetically by title. Check the publication number listing for the full citation.

Accidents connected with Federal oil and gas operations on the Outer Continental Shelf, Gulf of Mexico. Out of Print. MMS 84-0072

Annual report, fiscal year 1983, Outer Continental Shelf oil and gas leasing and production program. MMS 84-0010

Atlantic index (June 1983-May 1984). MMS 84-0050

Bathymetric map of St. George Basin, Alaska. MMS 84-0013

Bering Sea summary report (September 1984). MMS 84-0076

Central California coastal air quality model validation study: Data analysis and model evaluation. MMS 84-0055

Central California coastal air quality model validation study: Executive summary. MMS 84-0074

Cetaceans of central and northern California, 1980-1983: Status, abundance, and distribution. MMS 84-0045

Community economic and demographic systems analysis of the Norton Basin lease sale 100. MMS 84-0068

Cumulative socioeconomic impacts of oil and gas development in the Santa Barbara Channel region: A case study. MMS 84-0059

Draft environmental impact statement, proposed 1985 Outer Continental Shelf oil and gas lease sale, offshore the Mid-Atlantic States, OCS Sale No. 111. Out of Print. MMS 84-0039

Draft environmental impact statement, proposed 1985 Outer Continental Shelf oil and gas lease sale, offshore the South Atlantic States, OCS Sale No. 90. Out of Print. MMS 84-0007

Draft environmental impact statement, proposed oil and gas lease sales 94, 98, and 102. Out of Print. MMS 84-0019

Draft regional studies plan, fiscal year 1986. Out of Print. MMS 84-0025

Ecological characterization atlas of coastal Alabama: Map narrative. MMS 84-0052

The ecology of the south Florida coral reefs: A community profile. MMS 84-0038

Environmental assessment for Gulf of Mexico Outer Continental Shelf geological and geophysical exploration activities. MMS 84-0051

Estimated oil and gas reserves, Gulf of Mexico, Outer Continental Shelf and continental slope, December 31, 1983. MMS 84-0020

Estimated oil and gas reserves, Southern California Outer Continental Shelf, December 31, 1983. MMS 84-0024

Evaluation of Bering Sea crude oil transportation systems. MMS 84-0027

Failure and inventory reporting system summary/analysis, January 1980-August 1981. MMS 84-0032

Federal offshore statistics. MMS 84-0071

Final area-wide environmental assessment, exploration and production activities, four-mile zone of the east and west Flower Garden Banks. MMS 84-0053

Final environmental impact statement, proposed 1985 Outer Continental Shelf oil and gas lease sale, offshore the South Atlantic States, OCS Sale No. 90. MMS 84-0070

Final environmental impact statement, proposed oil and gas lease sales 94, 98, and 102. MMS 84-0057

Fishing offshore platforms, Central Gulf of Mexico—An analysis of recreational and commercial fishing use at 164 major offshore petroleum structures. MMS 84-0006

Framework for oil-spill response on the Alaskan OCS. MMS 84-0021

Geological and operational summary, Navarin Basin COST No. 1 Well, Bering Sea, Alaska. MMS 84-0031

Geological and operational summary, St. George Basin COST No. 1 Well, Bering Sea, Alaska. MMS 84-0016

Geological and operational summary, St. George Basin COST No. 2 Well, Bering Sea, Alaska. MMS 84-0018

Geology report, proposed Mid-Atlantic OCS oil and gas lease sale 111. MMS 84-0022

Geology report, proposed North Atlantic OCS oil and gas lease sale 96. MMS 84-0062

Gulf of Alaska summary report update, May 1984. MMS 84-0030

Gulf of Mexico summary report (September 1984). MMS 84-0073

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